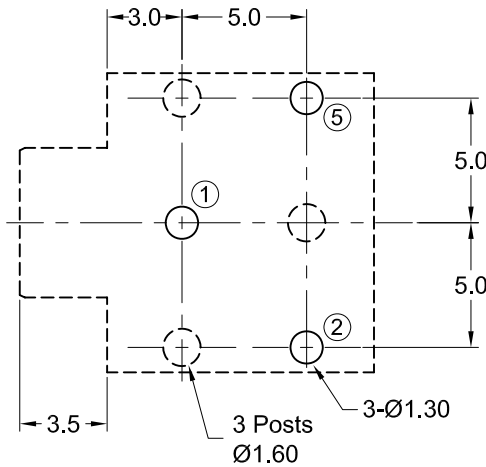
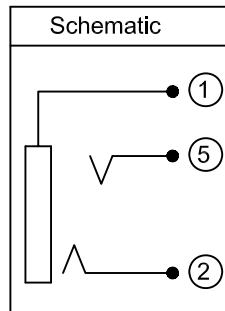
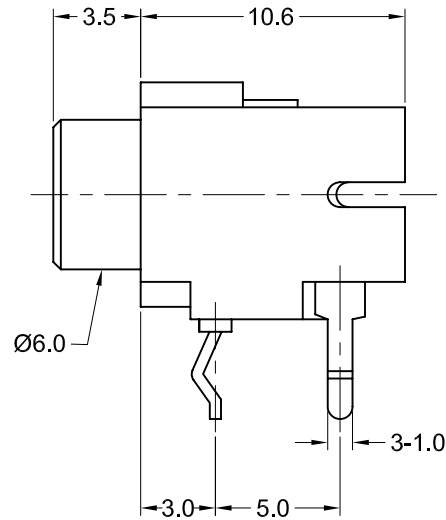
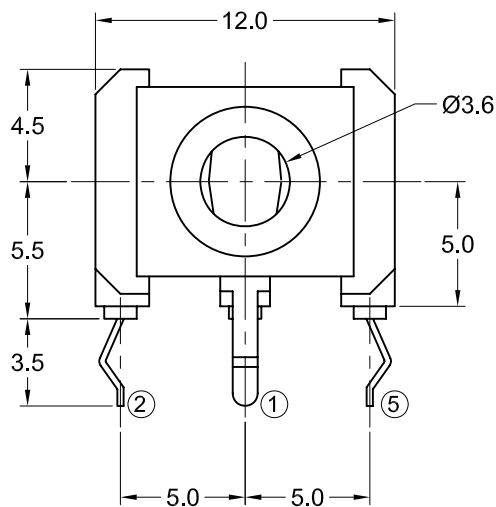




Recommended PCB Layout
(Bottom View)

Materials and Finish

Housing: PBT Thermoplastic
30% Glass Filled, Black Color
UL 94V-0 Rated

Terminals:

Pin #1 : Brass, Nickel Plated

Pin #5 & Pin #2:
Phosphor Bronze, Matte Tin Plated

Bushing: Brass, Nickel Plated

Electrical Characteristics

Contact Resistance:
Before Test: 30mohms Max.
After Durability Test:
60 mohms Max.

Insulation Resistance:
More than 100 Megohms
at 250V DC

Dielectric Strength:
250V AC RMS for 1 minute

Operating Temp:
-25°C to +80°C

Mechanical Characteristics

Insertion Force:
0.4kg - 2.0kg

Extraction Force:
0.3kg - 2.0kg

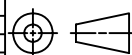
Durability: 5000 mating cycles

RoHS COMPLIANT
EU Directive 2002/95/EC



Tolerances	
X.X ± 0.3	
X.XX ± 0.15	
Unless Stated Otherwise	

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	9/6/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	07/13/05
A2	11/8/06	ECO #06-046	R. Aguirre	H. MA		
A3	07/14/11	ECO #11-033	S. Vien	P. DalCanto		



UNITS
mm

STX-3100-3N

Thru-Hole 3.5mm Stereo Jack, RoHS Compliant

3 Pos., No Switch, Non-threaded Barrel



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